

# **35th Annual Arizona State Fire School**

**September 4-7, 2008**



Presented by

**Arizona State Fire Training Committee and  
Office of the State Fire Marshal**

# 16 FIRE FIGHTER LIFE SAFETY INITIATIVES IDENTIFIED BY THE NATIONAL FALLEN FIREFIGHTERS FOUNDATION

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**Initiative 1:** Define and advocate the need for a cultural change within the fire service relating to safety, incorporating leadership, management, supervision, accountability and personal responsibility.

**Initiative 2:** Enhance the personal and organizational accountability for health and safety throughout the fire service

**Initiative 3:** Focus greater attention on the integration of risk management with incident management at all levels, including strategic, tactical, and planning responsibilities.

**Initiative 4:** Empower all firefighters to stop unsafe practices.

**Initiative 5:** Develop and implement national standards for training, qualifications, and certification (including regular recertification) that are equally applicable to all firefighters, based on the duties they are expected to perform.

**Initiative 6:** Develop and implement national medical and physical fitness standards that are equally applicable to all firefighters, based on the duties they are expected to perform.

**Initiative 7:** Create a national research agenda and data collection system that relates to the initiatives.

**Initiative 8:** Utilize available technology wherever it can produce higher levels of health and safety.

**Initiative 9:** Thoroughly investigate all firefighter fatalities, injuries, and near misses.

**Initiative 10:** Ensure grant programs support the implementation of safe practices and/or mandate safe practices as an eligibility requirement.

**Initiative 11:** Develop and champion national standards for emergency response policies and procedures.

**Initiative 12:** Develop and champion national protocols for response to violent incidents.

**Initiative 13:** Provide firefighters and their family's access to counseling and psychological support.

**Initiative 14:** Provide public education more resources and champion it as a critical fire and life safety program.

**Initiative 15:** Strengthen advocacy for the enforcement of codes and the installation of home fire sprinklers.

**Initiative 16:** Make safety be a primary consideration in the design of apparatus and equipment.

# 35TH ANNUAL ARIZONA STATE FIRE SCHOOL

September 4 - 7, 2008

[www.dfbls.az.gov](http://www.dfbls.az.gov)

**Phoenix Marriott Mesa Hotel  
200 N. Centennial Way, Mesa, AZ 85201**

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## ABOUT THE COVER & POSTER ARTWORK

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In May 2008, Chairman **Mark Nichols**, on behalf of the **Arizona State Fire Training Committee** and the **Office of the State Fire Marshal** presented **Martie Shrader** a plaque naming her the Official Graphic Design Artist for the Annual Fire School. The plaque recognizes Martie's 15 years work in creating the annual school poster and brochure cover. Martie uses her artistic skills to make a few words, and a picture, represent the knowledge, dedication, and strength all Fire Fighters bring to their job each day.

Martie's work could not be appreciated without the support and dedication of the entire staff of the **Department of Education Print Services** who print and produce the Fire School poster and brochure. Thanks everyone for a job well done!

# WELCOME

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The 35<sup>th</sup> Annual Arizona State Fire School is brought to you through the commitment of the volunteer Arizona State Fire Training Committee. Since the first Fire School the goal has been to improve the safety of Arizona's fire fighters by offering high quality training. Well-trained and knowledgeable fire fighters can better protect their citizens from the many hazards of everyday life.

This Fire School continues the work of the State Fire Training Committee to meeting this goal. From Basic Fire Fighter Skills and Fire Service Leadership to Helicopter Safety and Fire Fighter Operations, the 35<sup>th</sup> Annual Fire School provides education in the skills and knowledge a 21<sup>st</sup> Century fire fighter needs to be effective while remaining safe.

Fire School brings the Arizona Fire Service together, not only to educate, but also to celebrate our history and recognize our members, past and present, whose work and vision have created today's Arizona Fire Service. You now become part of it.

Work hard, learn the lessons well, have fun and be safe.

Sincerely,

A handwritten signature in black ink, appearing to read 'Phil Mele', with a stylized, cursive script.

Phil Mele  
Arizona State Fire Marshal

On behalf of the Arizona State Fire Training Committee I would like to welcome you to the 35<sup>th</sup> Annual Arizona State Fire School.

The Arizona State Training Committee, along with the Office of the Arizona State Fire Marshal, is proud to present a wide array of classes taught by some of the very best instructors in the fire service. In this positive learning atmosphere you will have the opportunity to develop or learn new skills, but also have the opportunity to build new relationships and network with fellow Arizona fire fighters.

It is our fondest wish that the knowledge you gain from this school will enhance service to your community and keep everyone around you safe. Remember, we all go home.

Sincerely,

A handwritten signature in dark ink, appearing to read "Mark Nichols". The signature is fluid and cursive, with a small dot above the "i" in "Nichols".

Mark Nichols  
Chairman, Arizona State Fire Training Committee

## GETTING STARTED AT FIRE SCHOOL

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Participants must check in at the Fire School Information Desk, located in the lobby of the Mesa Community Center, on Wednesday, September 3, from 3-6 p.m. or on Thursday, September 4, from 7-8:30 a.m. Upon checking in, students will receive their Fire School packet. All participants must attend the Opening Ceremonies at 8:30 a.m. on Thursday, September 4. The Opening Ceremonies will be held at the Mesa Community Center in the Main Hall. The Opening Ceremonies mark the beginning of Fire School and provide important workshop information to participants.

# FIRE SCHOOL AGENDA

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<b>WEDNESDAY</b> <b>September 3</b>	3 - 6:00 pm	Fire School check in <i>Located in the Mesa Community Center Lobby</i>
<b>THURSDAY</b> <b>September 4</b>	7:00 am	Fire School check in
	8:30 am	Opening Ceremonies <i>Held at the Mesa Community Center, Main Hall</i> <ul style="list-style-type: none"> <li>• Fire Fighter Memorial Service</li> <li>• Welcome and Comments</li> <li>• Fire Fighter of the Year Award</li> <li>• Arizona Fire Service Hall of Fame Induction</li> <li>• Fire Investigator of the Year Award</li> <li>• Volunteer Fire Fighter of the Year</li> </ul>
	9:45 am	Break
	10:15 am	Keynote presentation
	11:45 am	Workshop information
	12:00 pm	Lunch
	1:30 pm	Workshops begin
	5:30 pm	Workshops adjourn
	6 -9:00 pm	Arizona State Fire School Night at the Hall of Flame
	6:00 pm	Fire Apparatus Driving Skills Rodeo
<b>FRIDAY</b> <b>September 5</b>	8:00 am	Workshops begin
	12:00 pm	Lunch
	1:30 pm	Workshops continue
	5:30 pm	Workshops adjourn
	5:30 pm	IAAI meeting - contact information desk for location
	6:00 pm	Fire Apparatus Display and Custom Car Show
<b>SATURDAY</b> <b>September 6</b>	8:00 am	Workshops begin
	12:00 pm	Lunch
	1:30 pm	Workshops continue
	5:30 pm	Workshops adjourn
	6:00 pm	Raffle drawing <i>Held in Ballroom D, Phoenix Marriott Mesa Hotel</i>
<b>SUNDAY</b> <b>September 7</b>	8:00 am	Workshops begin
	12:00 pm	Workshops adjourn



# ARIZONA STATE FIRE TRAINING COMMITTEE

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The Arizona State Fire Training Committee is a voluntary, non-profit organization that assists the Office of the Arizona State Fire Marshal in the development and implementation of statewide fire service training. The committee plans future schools and programs, with each member serving as a workshop coordinator for the Annual State Fire School.

**Paul Adams**  
*AFCA/Avondale Fire-Rescue*

**Bob Hansen**  
*Tolleson Fire Department*

**Blue Penrod**  
*Pinetop Fire Dist*

**Chad Anderson**  
*Arizona Emergency Products*

**John Hayes**  
*VFIS of Arizona*

**Jeff Piechura**  
*Northwest Fire Dist*

**Nate Bailey**  
*First In, Inc*

**Cheryl Horvath**  
*Women in the Fire Service/  
Northwest Fire Dist*

**Dewey Ray**  
*Gila River Fire Dept*

**Laura Baker**  
*Tucson Fire Dept*

**Don Howard**  
*Summit Fire Dist*

**Randy Redmond**  
*Sierra Vista Fire Dept*

**Todd Canale**  
*Davis Monthan AFB*

**Mike Hyde**  
*Mesa Fire Dept*

**Bill Schell**  
*United Fire Equipment*

**Mike Casson**  
*Cottonwood Fire Dept*

**Bill Kinsey**  
*Bullhead City Fire Dist*

**Tony Sciacca**  
*Arizona Wildfire Academy*

**Bob Costello**  
*Buckeye Fire Dept*

**Dale Lindstedt**  
*Arizona City Fire Dist*

**Mel Sorensen**  
*Mohave Valley Fire Dist*

**Ron Dennis**  
*Avondale Fire-Rescue*

**William Loesche**  
*Sedona Fire Dist*

**Brian Sturdivant**  
*Chandler Fire Dept*

**Gary Ells**  
*Tempe Fire Dept*

**Tim McElwee**  
*Prescott Fire Dept*

**Tom Tatum**  
*Boeing Fire Dept*

**Polly Elson**  
*AFBEA/Tucson Fire Dept*

**Brian Merriman**  
*VFFA/Thatcher Fire Dept*

**Thad Trinko**  
*Lake Havasu City Fire Dept*

**Paul Fraser**  
*LN Curtis*

**Bill Miller**  
*Fry Fire Dist*

**Dan Uthe**  
*AFMA/Tucson Fire Dept*

**Kevin Gale**  
*Chandler Fire Dept*

**Bob Moody**  
*Motorola*

**Bob Weber**  
*Sequoia Management Assoc*

**Mark Gaillard**  
*Goodyear Fire Dept*

**Mark Nichols**  
*Peoria Fire Dept*

**Mark Wilson**  
*Flagstaff Fire Dept*

**Chip Gleason**  
*Phoenix Fire Dept*

**Marco Olsen**  
*Tri-City Fire Dist*

**Clay Wood**  
*Taylor Fire Dept*

**Marty Gordon**  
*Salt River Fire Dept*

**Mike Osborn**  
*Glendale Community College*

**Judy Wood**  
*AZ State Forestry*

**Tom Hand**  
*Mesa Fire Dept*

**Ben Owens**  
*Show Low Fire Dist*

**Marty Yates**  
*Luke AFB Fire Dept*

# SUPPORTING ORGANIZATIONS

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Our special thanks to the following organizations for their continued support of the State Fire Training Program. These organizations provide support in the form of expertise, resources, equipment, facilities and personnel. *The following is not intended to be all inclusive.*

**AJS Insurance**  
**Arizona Emergency Products**  
**Arizona Fire Chief's Association**  
**Arizona Fire District Association**  
**Arizona Fire Burn Educators Assoc.**  
**Arizona State Land Department**  
**Arizona Wildfire Academy**  
**Avondale Fire-Rescue**

**Boeing Fire Department**  
**Buckeye Fire Department**  
**Bullhead City Fire District**

**Canyon State Emergency Products**  
**Chandler Fire Department**  
**City of Mesa**  
**Cottonwood Fire Department**

**Davis Monthan AFB**

**First In, Inc.**  
**Flagstaff Fire Department**  
**Fry Fire District**

**General Dynamics**  
**Gila River Fire Department**  
**Glendale Community College**  
**Glendale Fire Department**  
**Goodyear Fire Department**

**Honeywell**

**L.N. Curtis**  
**Lake Havasu City Fire Department**  
**Luke AFB Fire Department**

**Mesa Fire Department**  
**Mesa Community College**  
**Mohave Valley Fire District**  
**Motorola**

**National Fire Academy**  
**Northwest Fire District**

**Peoria Fire Department**  
**Phoenix Fire Department**  
**Pinetop Fire District**  
**Prescott Fire Department**  
**Professional Fire Fighters of Arizona**

**Rural/Metro Fire Department**

**Salt River Fire Department**  
**Scottsdale Fire Department**  
**Sedona Fire District**  
**Sequoia Management Associates**  
**Show Low Fire District**  
**Sierra Vista Fire Department**  
**Summit Fire District**

**Taylor Fire Department**  
**Thatcher Fire Department**  
**Tempe Fire Department**  
**Tolleson Fire Department**  
**Tri-City Fire District**  
**Tucson Fire Department**

**United Fire Equipment Co.**

**VFIS of Arizona**  
**Volunteer Fire Fighters of Arizona**

**Women in the Fire Service**

# INSTRUCTORS

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The Office of the Arizona State Fire Marshal and Arizona State Fire Training Committee would like to thank the following instructors for their participation in this year's Fire School. *The following is not intended to be all-inclusive.*

<b>Mike Apodaca</b>	Frontier Emergency Prod	<b>Darryl Kim</b>	LN Curtis
<b>Gerry Bates</b>	Tucson Fire Dept	<b>Chuck Kime</b>	Arizona State University
<b>Mark Beals</b>	Lake Havasu City FD	<b>Keith Klassen</b>	Summit Fire Dist
<b>Karl Beeman</b>	Beeman Associates	<b>Tim Maple</b>	Lake Havasu City FD
<b>Diane Benson</b>	Tucson Fire Dept	<b>Dan Matlick</b>	United Fire Equipment Co
<b>Ron Bigness</b>	Mesa Fire Dept	<b>Charlie McClendon</b>	City of Avondale
<b>Stuart Bishop</b>	Pinetop Fire Dist	<b>Gary McDowell</b>	Davis Monthan Fire Dept
<b>Jake Brogdon</b>	Chandler Fire Dept	<b>Rob McLeod</b>	Chandler Fire Dept
<b>Dave Bunce</b>	Salt River Fire Dept	<b>Roger Mineer</b>	Lakeside Fire Dist
<b>Mark Burdick</b>	Glendale Fire Dept	<b>Mike Mink</b>	Salt River Fire Dept
<b>Gary Burns</b>	Scottsdale Fire Dept	<b>Damien Morrison</b>	Goodyear Fire Dept
<b>Chuck Busboom</b>	Mesa Fire Dept	<b>Tom Pendley</b>	Peoria Fire Dept
<b>Jeff Clark</b>	Chandler Fire Dept	<b>John Roberts</b>	Mesa Fire Dept
<b>MD Clark</b>	Scottsdale Fire Dept	<b>Larry Rooney</b>	Peoria Fire Dept
<b>Ron Clark</b>	Sun City West Fire Dept	<b>Tom Shaw</b>	Chandler Fire Dept
<b>Dennis Compton</b>	Dennis Compton & Assoc	<b>Alan Shrock</b>	Tempe Fire Dept
<b>Tim Cooper</b>	Scottsdale Fire Dept	<b>Carl Shultz</b>	Tucson Fire Dept
<b>Glenn Crabtree</b>	Mesa Fire Dept	<b>Paul Simpson</b>	Summit Fire Dist
<b>Karen Daines</b>	Peoria Fire Dept	<b>Jason Stello</b>	Lake Havasu City FD
<b>Jason D'Eliso</b>	Scottsdale Fire Dept	<b>Paul Sullivan</b>	Chandler Fire Dept
<b>Tom Delzio</b>	Lake Havasu City FD	<b>Ron Summers</b>	Tucson Fire Dept
<b>Troy Duncan</b>	Mesa Fire Dept	<b>Jeff Thomas</b>	Goodyear Fire Dept
<b>Monte Eggherman</b>	Buckeye Fire Dept	<b>Mike Thomas</b>	Mesa Fire Dept
<b>Polly Elson</b>	Tucson Fire Dept	<b>Mark Tracy</b>	Summit Fire Dist
<b>Donna Feller</b>	Phoenix Fire Dept	<b>Wes Trayner</b>	Phoenix Fire Dept
<b>Val Gale</b>	Chandler Fire Dept	<b>Joe Tufano</b>	Mayer Fire Dept
<b>Norm Germaine</b>	Chandler Fire Dept	<b>Gary Vicente</b>	Chandler Fire Dept
<b>Tim Graves</b>	Northwest Fire Dist	<b>Randy Villa</b>	Salt River Fire Dept
<b>Scott Green</b>	Lake Havasu City FD	<b>Dave Villareal</b>	Northwest Fire Dist
<b>George Gutierrez</b>	Sedona Fire Dist	<b>Craig Voelkert</b>	Amerex Corp
<b>Tom Hand</b>	Mesa Fire Dept	<b>Rob Watson</b>	Pinetop Fire Dist
<b>Brian Hickey</b>	Mesa Fire Dept	<b>Rich Williams</b>	Lake Havasu City FD
<b>Scott Hollingsworth</b>	Chandler Fire Dept	<b>Chip Wright</b>	Maricopa Fire Dept
<b>Virginia Holtzclaw</b>	Chandler Fire Dept	<b>Brian Yox</b>	Mesa Fire Dept
<b>Randy Karrer</b>	Northwest Fire Dist		

# SCHOLARSHIP SPONSORS

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In 1986, the Arizona State Fire Training Committee established a scholarship fund to assist departments with funding to attend the Annual Arizona State Fire School. Support from sponsors enables the Arizona State Fire Training Committee to provide scholarships to participants for each fire school. A special thanks is extended from the State Fire Training Committee to these organizations for their contributions to this worthwhile cause. *The following is not intended to be all inclusive.*

**AAA Fire Fighting Equipment**

**First In, Inc.**

**AJS Insurance Services, Inc.**

**Frontier Emergency Products**

**American Fire Equipment**

**Hunt & Caraway Architects, Ltd.**

**Arizona Fire Chiefs Association**

**L.N. Curtis & Sons**

**Arizona Fire District Association**

**Pinetop Fire District**

**Arizona State Fire Training  
Committee**

**Sequoia Management Associates**

**Arizona Fire Service Mechanics  
Association**

**Show Low Fire Fighters  
Association**

**Auto Safety House**

**Truck Works, Inc.**

**Bashas'**

**United Fire Equipment Co.**

**Best Western Mezona Inn**

**VFIS of Arizona**

**Canyon State Wireless, Inc.**

**Volunteer Fire Fighters of Arizona**

**Extrication Concepts**

**W. W. Williams Southwest, Inc.**

# SCHOLARSHIPS

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## **Herb Hoey Scholarship**

Herb Hoey served as the State Fire Training Director for 12 years and was very active in Arizona's Fire Service. Upon his retirement in 1992, a scholarship was established in his honor. This scholarship is awarded to individuals interested in improving their fire fighter skills through training.

## **Dale Brandt and Dan Fawcett Memorial Scholarship**

Dale Brandt and Dan Fawcett were paramedic partners with Phoenix Fire Department. Their teaching tenure spans almost the entire time extrication has been instructed by the Arizona State Fire Marshal's Office. This scholarship was established in their honor in 1998. It is awarded to further the expertise of students in extrication and emergency medical skills.

## **Bill Steele Memorial Scholarship**

Administrative Battalion Chief for Lake Havasu Fire Department, and also involved for many years with the Arizona Fire Mechanics Association.

## **Marlin Price Memorial Scholarship**

Marlin Price was a mechanic for Tucson Fire Department. Marlin was very active in providing training for emergency vehicle mechanics and sharing the newest fire training and technology with Mexico's fire service. This scholarship was established in 1994 in Marlin's honor. The scholarship is awarded to individuals providing mechanical service and to individuals from Mexico.

## **John Martin Memorial Scholarship**

John Martin retired as a Fire Captain from the Mesa Fire Department after more than 20 years of service. He then joined Motorola, serving as Fire Marshal, Fire Chief, and Safety Specialist over a 14-year period. John was an active member of the Arizona Fire Training Association, serving as a board member and dedicating much time and energy to the improvement of Arizona's Fire Service. This scholarship was established in 1995 and is dedicated in John's memory.

## **Irvin Tally Memorial Scholarship**

Irv Tally served as Safford Fire Chief 1953 to 1988. He received numerous state and national awards including induction into the Arizona Fire Service Hall of Fame. He was a founder of the Associated Fire Fighters of Arizona, now known as Volunteer Fire Fighters of Arizona. This scholarship provides training for volunteer fire fighters.

## **Steve Alley Memorial Scholarship**

The Arizona State Fire Training Committee established this scholarship in 2003 to honor the memory of long time member and supporter, Steve Alley. Steve was retired as a Deputy Chief from the Phoenix Fire Department and was serving as Assistant State Fire Marshal at the time of his death in December, 2002. This scholarship is awarded to fire fighters striving to improve their fire ground, prevention and management skills.

## **Edward Gaicki Memorial Scholarship**

This scholarship is donated in memory of Edward J. Gaicki, Tempe Fire Fighter/Paramedic, who died in the line of duty on January 15, 1980. Ed was a respected, competent and beloved member of the Tempe Fire Department. Fire Fighter Gaicki is the only member to die in the line of duty in the history of the department; his wife Debbie, his loving family and a multitude of friends survive him. On January 15th of each year, members of Local 493 and the Tempe Fire Department celebrate his life at Gaicki Park, named in his honor. His passing left a void in our lives that can never be filled. We promise to never forget..

**NOTE: If you received a scholarship see page 20 for instructions on enrolling**

# SPECIAL PRESENTATIONS

DURING THE OPENING CEREMONIES ON THURSDAY, SEPTEMBER 4, 2008

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## **Fire Fighter Memorial Service**

Arizona's fallen fire fighters will be honored at a Fire Fighter Memorial Service conducted during the Opening Ceremonies of the 34th Annual Arizona State Fire School. The service will include a memorial bell ceremony conducted by the Mesa Fire Department Honor Guard Bagpipe and Drum Corps. The service will recognize all members who have served, regardless of the cause of death. Deaths outside the line of duty and death after retirement are also recognized.

## **Fire Fighter of the Year**

United Fire Equipment will present the Fire Fighter of the Year Award during the Opening Ceremonies. The individual recipient is honored based on heroic achievements or contributions to life safety.

## **Arizona Fire Investigator of the Year**

The Arizona Chapter, International Association of Arson Investigators will name the individual who has been nominated as a result of their exemplary skills in the field of Fire Investigation.

## **Arizona Fire Service Hall of Fame**

The Arizona Fire Service Hall of Fame was created by the Arizona State Fire Training Committee to honor the men and women who have provided distinguished service to the Arizona fire service. The inductees are selected from nominations received statewide, from within the fire service and beyond. Inductees to the Hall of Fame will be announced and honored during the opening ceremonies.

## **Volunteer Fire Fighter of the Year**

Historically the volunteer fire fighter has been the backbone of the delivery of fire and emergency services. Today this dedication is still exhibited in many fire and emergency service organizations within the state of Arizona. The VFFA feels strongly that it is important to recognize this dedication and commitment of the volunteer to their community.

## **Keynote Speaker - Scott Waddle, Ret. Navy Nuclear Sub Commander**

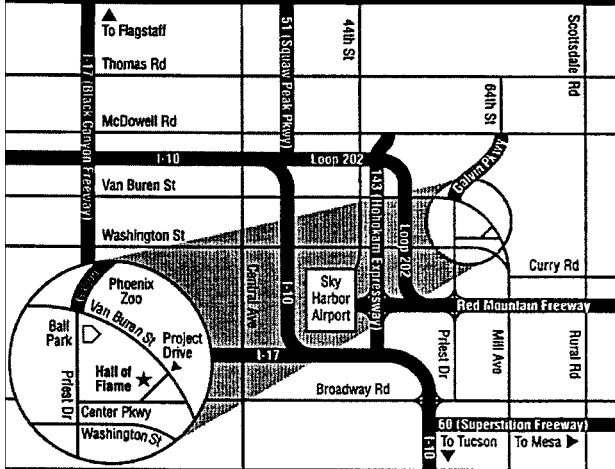
An inspirational leader with uncompromising ethical standards, Scott Waddle graduated at the top of his class at Annapolis. He was handpicked from a highly competitive field of 250 naval officers to command a Los Angeles class fast-attack nuclear submarine. Against the advice of his lawyer and the direction of the Navy, Scott Waddle followed his conscience. When the U.S. nuclear submarine collided with a Japanese fishing boat in February 2001, the story made international headlines. Unlike some leaders in the public eye who have denied or made excuses for their behavior, Waddle took complete responsibility for his actions. Waddle's pursuit of integrity against all odds provides an inspiring challenge to anyone facing difficult choices in life.



# MEETINGS & ACTIVITIES

## Arizona State Fire School Night at the Hall of Flame

The Hall of Flame offers special evening hours from 6:00 to 9:00 p.m. on Thursday, September 4th, so that fire fighters attending the Arizona State Fire School have the opportunity to visit the world's largest museum of fire fighting. In addition to a diverse collection of fire apparatus dating back to the early 18th century, there are displays of fire fighting equipment and memorabilia. Of special interest is the National Fire Fighting Hall of Heroes.



*Don't miss this opportunity to visit the Hall of Flame on Thursday, September 4 from 6-9 p.m. for a reduced price of \$3 per person, and no charge for children.*

6101 E. Van Buren

## Fire Apparatus Driving Skills Rodeo

For the first time at the State Fire School, there will be a Fire Apparatus Driving Skills Rodeo at the Mesa Public Safety Training Facility, Thursday, September 4th at 6 p.m.. Fire departments desiring to participate in the rodeo must register with Tom Hand, City of Mesa Fire Department, prior to September 4th. Call 602-644-3365 or email [tom.hand@cityofmesa.org](mailto:tom.hand@cityofmesa.org). The rodeo will be a low-speed, timed, skills course with awards for the top three scores. The first fifteen (15) departments to register for this event will be in the competition. Each department competing must provide their own Class I engine. No other types of apparatus will be entered. Driver orientation will begin at 5:30 p.m. with competition starting at 6 p.m. sharp. There will only be one driver permitted per department. Each driver must produce a valid Arizona driver's license prior to the competition.



### **T-Shirts, Hats, & Raffle Tickets**

The non-profit Arizona State Fire Training Committee will be selling Fire School t-shirts, hats and raffle tickets to raise funds to support scholarship programs and statewide fire service training. Items for sale will be available in the lobby of the Mesa Community Center. Be sure to purchase these items early, before they sell out!

### **IAAI Meeting**

The International Association of Arson Investigators will hold their annual general board meeting at 5:30 p.m. on Friday, September 5th at the Phoenix Marriott Mesa Hotel. IAAI members and anyone interested in becoming an investigator are welcome to attend. Contact information desk for location.

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## **FRIDAY NIGHT EVENT**

### **Fire Apparatus Display & Custom Car Show (New Location)**

A Fire Apparatus Display and Custom Car Show will be held on Friday, September 5th from 7:00-10:00 p.m. at the Mesa Community Center, between the Main Hall and the Mesa Library in the Plaza area. Activities will include an apparatus display, car show, music, children's activities, safety education exhibits, vendor displays and food booths. Anyone interested in displaying a car or apparatus should contact Dewey Ray at 520-796-5900.

## **SATURDAY NIGHT EVENT**

### **Raffle**

The non-profit Arizona State Fire Training Committee will hold a fund raising raffle at 6:00 p.m. on Saturday, September 6th in Ballroom D of the Phoenix Marriott Mesa Hotel. Items will be raffled to benefit the Training Committee's scholarship program and other activities. This is a fun, fast-paced raffle and everyone is welcome to attend. Ticket holders must be present to win.



## WHERE TO STAY AT FIRE SCHOOL

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Three hotels are offering special rates for Fire School participants. Individuals are responsible for making their hotel reservations. Reservations should be made as early as possible because the hotels fill quickly. Dining facilities are available on the grounds of the host hotel and in the surrounding community.

### **Phoenix Marriott Mesa Hotel**

[www.phoenixmarriottmesa.com](http://www.phoenixmarriottmesa.com)

*(Host hotel)*

200 N. Centennial Way  
Mesa, Arizona 85201  
(480) 898-8300

#### **Reservations:**

**\$89 + tax**  
**(888) 236-2427**

**Requests for blocks of rooms together must be prepaid. Blocks of rooms may be requested until August 15, based on availability**

### **Best Western Mezona**

250 W. Main Street  
Mesa, Arizona 85201  
(480) 834-9233

#### **Reservations:**

**\$89 + tax**  
**(800) 528-8299**

### **Holiday Inn**

1600 S. Country Club  
Mesa, Arizona 85210  
(480) 964-7000

#### **Reservations:**

**\$89 + tax**  
**(800) 972-3574**

# Phoenix Marriott Mesa Hotel

## Arizona State Fire School - Reservation Request

Conference dates September 3 - 7, 2008

Group Rates Apply 2 days before or after the above dates based on availability

Standard Guest Room: \$89.00 + Tax, 1 - 4 people per room

### Bed Request - please circle:

Room #1 _____	1 King	-or-	2 Doubles
Room #2 _____	1 King	-or-	2 Doubles
Room #3 _____	1 King	-or-	2 Doubles
Room #4 _____	1 King	-or-	2 Doubles
Room #5 _____	1 King	-or-	2 Doubles
Room #6 _____	1 King	-or-	2 Doubles

Department: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip \_\_\_\_\_ Phone# \_\_\_\_\_

Fax: \_\_\_\_\_ Email Address: \_\_\_\_\_

Note: a confirmation will only be sent if an e-mail address or fax # is provided

Arrival Date: \_\_\_\_\_ ETA (if known) \_\_\_\_\_ Departure Date: \_\_\_\_\_

Additional Requests/Comments: \_\_\_\_\_

Credit Card # \_\_\_\_\_ Exp Date \_\_\_\_\_

**A credit card number is required to make a reservation (for guarantee, not payment)**

**If paying by credit card**, a "credit card authorization form" needs to be filled out prior to arrival date. Please contact Hotel for details.

**If paying by check or purchase order, please send to:**

Phoenix Marriott Mesa Hotel, Attn: Accounting  
200 N. Centennial Way, Mesa, AZ 85201

**Payment is due 2 weeks prior to arrival.**

**Other options:**

**By phone:** Marriott Reservations: toll-free (888) 236-2427. Ask for "AZ Fire School".

**Online:** [www.marriott.com/phxmm](http://www.marriott.com/phxmm) - Enter afsafsa as the group code to make reservations. Be sure that you type in the correct check-in and check-out dates to see the group rate.

**\$100.00 deposit required for each room at arrival by cash or credit card.**

**This form may be faxed to (480) 464-5068 on or before Aug 8, 2008**

# ANSWERS TO QUESTIONS

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## WHEN DOES REGISTRATION START

Registration for workshops begins June 23, 2008 and ends August 25, 2008. You will not be able to register before or after these dates!

## HOW DO I FIND A CLASS & REGISTER

Registering for Fire School is a 2 step process. You must get an EIN (STARS Electronic ID Number) if you don't already have one. Follow the instructions on page 21 to get your EIN. Then you must sign onto STARS and select your class from the e-Catalog and make a payment online. Follow the instructions on page 22 to complete your enrollment.

## CAN I CHANGE MY CLASS

**CONFIRMED REGISTRATION IS FINAL!** Due to the large number of participants, once registration is confirmed, you cannot change your workshop selection. Cancelling a class through STARS to enroll in another class will cause a **\$25 processing fee** to be withheld for every cancellation.

## WHAT IF THE CLASS I WANT IS FULL

If the workshop you select is not available because enrollment is at the maximum, select another workshop. **Workshops are filled on a first come, first serve basis**—register early to get the workshop you want.

## SUBSTITUTIONS

It is possible to substitute participants in a workshop for no additional charge. To substitute a participant contact **Melina Joya** at the Office of the State Fire Marshal at (602) 364-1075.

## REFUND POLICY

All requests for refunds must be made in writing to the Office of the State Fire Marshal. Registration cancellation for any reason **on or before August 25, 2008, will incur a \$25 processing fee. No refunds will be given to "No Shows". No refunds will be issued for enrollments cancelled after August 25, 2008.** Refunds may take up to **90 days** to process.

## PREREQUISITES

Some workshops require a prerequisite. Please check each workshop description for any required prerequisites. Registration will not be accepted unless prerequisites are on file in the Office of the State Fire Marshal's database.

## ATTENDANCE

**Attendance at all sessions of your workshop is required.** At the conclusion of each workshop, participants will receive a Certificate of Completion. Certificates of Completion will only be presented to participants that complete all academic and attendance requirements.

## **SAFETY STATEMENT**

All Fire School participants are expected to present themselves for class and field activities in a manner consistent with the workplace expectations of the Fire Service. When in the opinion of a course Instructor or Coordinator a participant appears, for any reason to be impaired, appropriate actions will be taken, up to dismissal from the Arizona State Fire School.

## **DRESS CODE**

It is each student's responsibility to use good judgement in selecting attire that projects a professional image while remaining appropriate for climate differences and safety in class activities. The State Fire School staff has the authority to make a determination that a participant's attire may be inappropriate.

## **CODE OF CONDUCT**

The lifesaving work emergency service personnel perform every day has earned the respect and admiration of the general public. This reputation and respect can be threatened by the careless or thoughtless actions of a very few. Your actions reflect not only upon you as an individual, but upon the emergency service profession as a whole. The public expects our actions to be above reproach, on and off the emergency scene.

As representatives of emergency service agencies, participants are expected to demonstrate the highest professional standards in their dress, demeanor and behavior while attending the State Fire School.

## **AGE DISCLAIMER**

Individuals under the age of 18 may not participate in the Fire School. Contact the Office of the State Fire Marshal if more information is required.

## **LIABILITY & INJURY INFORMATION**

The State Fire School will provide instruction in courses that the participant selects under the supervision of competent instructors. Some of the courses involve "hands-on" training that may subject participants to risk of injury. In consideration of being permitted to enroll in such courses, **each participant acknowledges that he or she is aware of the risks associated with participation in such courses and is voluntarily agreeing to assume such risks.**

**Only active emergency service personnel approved by a department may enroll** in the Fire School. All students attend Fire School as the employee or volunteer of the sponsoring department indicated by their selection of a department during the enrollment process.

**A sponsoring department is required to provide worker's compensation insurance coverage to participants for all Fire School activities. The department selected by the student will be notified of the students enrollment as an employee of that department.**

## SCHOLARSHIPS

Participants who have been awarded a scholarship **MUST NOT** enroll for classes through STARS. Enrollment directly in STARS will require a refund which may take up to 90 days to process, and a \$25 processing fee withheld. If you are attending Fire School through a scholarship you must contact the Office of the State Fire Marshal to enroll. For more information on scholarships, or to enroll in a class as a scholarship recipient, **contact Melina Joya at (602) 364-1075.**

## WHERE ARE THE WORKSHOPS HELD

Most of the workshops are located at the Mesa Community Center and the Phoenix Marriott Mesa Hotel located next to the Community Center at 200 N. Centennial Way in downtown Mesa. Some of the workshops will be held at offsite locations. **All participants are required to check-in prior to attending class** in the lobby of the Mesa Community Center (see the Fire School Agenda for Check-in times). You will receive a packet of information when you check in telling you where your class will be located.

## OFF-SITE WORKSHOP LOCATIONS

Not all workshops are held at the Phoenix Marriott Mesa Hotel and Mesa Community Center. Please check descriptions for the specific location of your workshop. **Off-site workshop participants must attend the Opening Ceremonies for specific location information.** Participants are responsible for transportation to off-site locations.

## FOR MORE INFORMATION

For more information about the Arizona State Fire School, please contact:

**Melina Joya** (602) 364-1075  
melina.joya@dfbfs.az.gov

**Jeff Johnston** (602) 364-0843  
jeff.johnston@dfbfs.az.gov

**Paul Wobosel** (602) 364-1079  
paul.wobosel@dfbfs.az.gov

# PRE-REGISTRATION REQUIREMENTS

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Before registering for Fire School each participant **MUST** have a personal or department e-mail address and an **Electronic Identification Number (EIN)** from the Arizona Government Training System known as **STARS**. The EIN is used by the OSFM as a student ID number in place of Social Security numbers, which are no longer used.

## GETTING YOUR EIN BEFORE REGISTERING

You may already have an EIN. If you participated in last year's Fire School or if you have ever received a Training Certificate from the Office of the State Fire Marshal then you have an EIN.

### Look up your EIN on the STARS website:

Go to [www.azgu.gov](http://www.azgu.gov), click "Sign-In" and then "Lookup your EIN". Type your name and select the state agency that your account was created under (most non-state employees are entered under "Other", but if you had training with another state agency you may have an EIN listed under that agency, such as Military Affairs). Your EIN and temporary password will be emailed to the address STARS has on file. (NOTE: please retain your EIN and password for enrollment in future classes).

- If you have an account but STARS does not have your correct email address, see the instructions below for updating your e-mail address.

### If you don't have an EIN and you have never received a state certificate, create a new account:

Go the Arizona Government University website at [www.azgu.gov](http://www.azgu.gov) and click "**Sign-In**", then "**Sign Up Now**". Type your name in the boxes provided and select "**Other**" as the Agency. Then click "**Sign-up for a New STARS Account**" at the top of the screen and fill in all the requested information. Again, select "**Other**" as your agency. It is very important that a valid email address be entered into STARS because this is where your EIN and password will be sent.

### Updating your E-mail address in STARS:

STARS must have a valid e-mail address for you or it is not possible to lookup your EIN if you forget it, reset your password if you forget it, or receive enrollment confirmations for Fire School classes. If you know your password and you can sign into STARS you can update your e-mail address by clicking on "Account Info" at the top of the screen.

- If you are not able to sign-in to STARS and the email address for you is not correct then contact the Office of the State Fire Marshal at [fire.training@dfbbs.az.gov](mailto:fire.training@dfbbs.az.gov) and let us know your full name (first, middle initial and last), EIN (if you know it) and the email address you would like added to your STARS account for activation. Once your email address has been updated you will be notified and you may sign back into STARS to activate your account.

# REGISTERING FOR FIRE SCHOOL

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Registration begins June 23, 2008 at 9AM and ends August 25, 2008

Preregistration for Fire School is required. **Registration is not accepted at Fire School.** The Office of the State Fire Marshal reserves the right to limit the number of participants from one department in the same workshop. Workshops are 24 hours in length and are presented simultaneously over the fire school's four days. Participation is limited to a single workshop.

## STARS: Statewide Training And Registration System

See the instructions on page 21 for getting your EIN before attempting to register.

## ENROLLING AFTER GETTING YOUR EIN

All Fire School classes are posted on the STARS system which can be accessed through the Arizona Government University website at **www.azgu.gov**. After you have your EIN and STARS password you are ready to enroll. Sign onto STARS at Arizona Government University ([www.azgu.gov](http://www.azgu.gov)), and go to the **e-Catalog** (located on the left side of the page). **Click the + symbol** next to **"Arizona State Fire School"** to display a listing of all Fire School classes. Select your class from the list by clicking on the title, then click on the **"enroll"** button.

**To enroll, you must have a credit or debit card** with a **Visa©, MasterCard©, or American Express©** logo. Enrollments will only be accepted if a payment is processed at the time of enrollment.

## REGISTRATION PAYMENT

When you select your class in the e-Catalog and click "enroll", you will be prompted to make an immediate payment. Registration fees must be paid by personal or business credit or debit card at time of registration. **Checks will not be accepted.** Credit or debit cards accepted are **Visa©, MasterCard©, or American Express©**. Registration will not be complete without payment. If payment is not processed at the time of enrollment, STARS will immediately cancel your enrollment.

**If enrolling on a scholarship, you must contact the Office of the State Fire Marshal. Scholarship participants must NOT enroll through STARS (see page 20).**

## WORKSHOP FEES

All workshop fees are \$95.00 **EXCEPT** workshops:

#3	\$110.00
#6	\$110.00
#11	\$110.00
#14	\$125.00
#18	\$125.00

**Charges for these classes include lab fees.**

## **ENROLLMENT/PAYMENT CONFIRMATION**

As soon as you enroll and pay for your class, you will see a confirmation screen. Print this screen for your records. If you are expecting to be reimbursed by your department, you may need this copy as a **receipt/proof of payment**. You will also receive a confirmation email stating the class in which you have enrolled.

## **AFTER REGISTERING & PAYING ONLINE**

After enrollment you will receive a confirmation of your class registration via email with all information related to the class. Your Department will receive notification via email of your enrollment in Fire School, as an employee or volunteer of the Department.

If you do not receive an email, be sure to login to STARS and click the “**Account Info**” link at the top of the page to verify that your email address is correct.



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- 4 Emergency Vehicle Driving
- 5 Fire Ground Tactics & Procedures
- 6 Fire Fighter Survival, MayDay & Rescue Operations
- 7 Fire Pumps: Theory, Operation & Maintenance
- 8 Foam Technology in the Fire Service
- 9 Helicopter Safety & Fire Fighter Operations
- 10 Introduction to Fire Hydraulics
- 11 Ladder Truck Company Functions & Operations
- 12 Live Fire Attack
- 13 Live Fire Training-Basic
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- 15 Rope Rescue I
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- 17 Selection, Care & Maintenance Of Personal Protective Equipment
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- 22 Intermediate Fire/Arson Investigation
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## **FIRE LEADERSHIP**

- 24 Emergency Scene Management & Command Systems
- 25 Fire Instructor I (NFPA 1041), 2002 Edition
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- 27 Leadership I & II
- 28 Polishing the Gold: The Stuff that Matters
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## **FITNESS**

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# WORKSHOPS

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## SKILLS TRAINING

- 1 BASIC FIRE FIGHTER SKILLS-MM1001**  
**TEMPE FIRE DEPARTMENT & SCOTTSDALE TRAINING CENTER**  
This course is designed to provide knowledge at the awareness level to the inexperienced fire fighter. Using classroom and hands-on training, the student will be exposed to fire fighter safety and training standards, SCBA use, hose, ladders, ropes and knots, fire streams and fire fighting tools.  
**Special Notice:** *The first class meeting will be held on Thursday afternoon in the Main Hall of the Mesa Community Center. The remainder of the workshop will be held at the Tempe Fire Department/APS Joint Training Facility or at the Scottsdale Training Center. You must provide your own transportation or carpool.*  
**REQUIRED EQUIPMENT** Full protective equipment and SCBA/No facial hair  
**COORDINATORS** Gary Ells, Brian Sturdivant  
**INSTRUCTORS** Staff
  
- 2 CONFINED SPACE RESCUE I-MM1002A**  
**CHANDLER FIRE TRAINING CENTER**  
This course will provide an overview of OSHA law (29CFR 1910.146), monitoring atmospheres and ventilation techniques, as they apply to first responders.  
Activities will include hands-on drills for monitoring air atmospheres, ventilation activities and use of specialized technical rescue equipment. Actual personnel rescues will be conducted  
**Special Notice:** *This workshop will meet at the Chandler Fire Training Center. You must provide your own transportation or carpool.*  
**COORDINATOR** Kevin Gale  
**INSTRUCTORS** Staff
  
- 3 EMERGENCY STABILIZATION & EXTRICATION-MM1005**  
**MESA FIRE TRAINING ACADEMY**  
A hands on class for both new and seasoned fire fighters looking for the basics and advanced extrication techniques. Topics to be covered are new care technology, hydraulic and hand tools, scene hazards, vehicle stabilization patient care and rapid extrication. Advance and basic pits will be available for all skill levels on Friday, Saturday and Sunday. **This is a very physically demanding course.**  
**Special Notice:** *This workshop will meet at the Mesa Fire Training Academy. You must provide your own transportation or carpool.*  
**LAB FEE** \$15  
**REQUIRED EQUIPMENT** Full turnouts, steel toe bunker boots or shoes, helmets, gloves and safety glasses  
**COORDINATOR** Chad Anderson  
**INSTRUCTORS** Staff
  
- 4 EMERGENCY VEHICLE DRIVING-MM1006**  
**MESA FIRE TRAINING ACADEMY**  
This course addresses the problems of emergency vehicle operations. Topics include: legal aspects, accident avoidance and mechanical limitations. A hands-on, skill-training course will be utilized.  
**Special Notice:** *This workshop will meet at the Mesa Fire Training Academy. You must provide your own transportation or carpool.*  
**REQUIRED EQUIPMENT** You must have a valid Arizona Class D Operators drivers license.  
**COORDINATOR** John Hayes  
**INSTRUCTORS** Tom Hand, Edward Busboom, Brian Hickey

## **5 FIRE GROUND TACTICS & PROCEDURES-MM1027 MESA COMMUNITY CENTER**

This course provides the Fire Officer or prospective Fire Officer with the training to develop strategies to manage individual fires and emergencies. The course is fast paced, visual and applicable to your daily emergency responses. Command procedures dealing with the initial response, rescue techniques, fire control, ventilation, property conservation, urban interface and special tactical operations will be covered in-depth.

**COORDINATOR** Marty Yates  
**INSTRUCTORS** Staff

## **6 FIRE FIGHTER SURVIVAL, MAYDAY & RESCUE-MM1023 MESA COMMUNITY COLLEGE/WILLIAMS EDUCATIONAL CENTER**

This course will provide qualified students an opportunity to perform a variety of activities using Self-Contained Breathing Apparatus (SCBA) in order to improve competency and safety/survival skills while instilling a high degree of confidence in themselves and the SCBA. It will familiarize students with the complete scope of respiratory protection requirements and requisite skills, knowledge and abilities for using SCBA in IDLH environments. It will provide the student with basic self and team-member rescue skills in a variety of realistic entanglement, entrapment and disorientation scenarios for improving the probability of fire fighter survival in the real world. Under controlled conditions using a variety of relevant exercises, students will determine personal limitations and capabilities with regard to air consumption, physical exertion, and psychological impact while using SCBA. Students will learn and practice mayday and rescue scenarios.

**Special Notice:** *This workshop will meet at MCC/Williams. You must provide your own transportation or carpool.* \_\_

**PREREQUISITES** Arizona Fire Fighter I & II certification.  
**LAB FEE** \$15  
**REQUIRED EQUIPMENT** Full Structural Turnouts and SCBA with PASS.  
**COORDINATOR** Marty Gordon  
**INSTRUCTORS** MD Clark, Jason D'Eliso, Mike Mink, Joe Tufano, Gary Vicente,  
Randy Villa, Chip Wright

## **7 FIRE PUMPS: THEORY, OPERATION & MAINTENANCE-MM1011 MESA FIRE MAINTENANCE FACILITY**

This class will provide fire fighters the basics of fire pump operation and maintenance. Topics covered include: pump components, pump operation, pump maintenance and pump testing. This class will include field operations as well as classroom hands-on exercises. Videos, a cutaway pump, fire apparatus, pump components and handouts will be utilized in this class. Be prepared to get dirty.

**Special Notice:** *This workshop will meet at the Mesa Fire Maintenance Facility. You must provide your own transportation or carpool.*

**REQUIRED EQUIPMENT** Work clothes, gloves and eye protection  
**COORDINATORS** Bob Weber, Bill Schell  
**INSTRUCTORS** Mike Apodaca, George Gutierrez, Alan Shrock

## **8 FOAM TECHNOLOGY IN THE FIRE SERVICE-MM1012 MESA COMMUNITY COLLEGE/WILLIAMS EDUCATIONAL CENTER**

This course is designed to cover all aspects of Class A foam use in the fire service. It will also provide an introduction to Class B foam. Topics include: safety; equipment including proportioners, aspirating systems, compressed air foam systems; the tactical use of foam on wildland, vehicle, interface and structural firefighting. Class A and B demonstrations will be included. Hands-on activities will include assembling of foam systems to produce various types of foam, foam application exercises and tabletop tactics. This course is a must for any department currently using or considering the use of foam.

**Special Notice:** *This workshop will meet at MCC/Williams. You must provide your own transportation or carpool.*

**REQUIRED EQUIPMENT** Full protective equipment and SCBA/No facial hair  
**COORDINATOR** Don Howard  
**INSTRUCTORS** Keith Klassen, Mark Tracy

## 9 HELICOPTER SAFETY & FIRE FIGHTER OPERATIONS-MM1037

### MESA FIRE DEPARTMENT, STATION 8 (FALCON FIELD)/BOEING FACILITY

This course will offer the students hands-on helicopter familiarization of the most commonly operated helicopters in urban and rural communities. The students will have access to police, medical, commercial and military helicopters and their crews. There will be a module on selecting, set-up, and securing a safe landing zone (LZ), and obtaining radio contact with the pilot to provide pertinent information. In-flight emergencies, ground emergencies, tactics and strategies, and pilot-crew egress will be covered. The students will obtain basic skills and knowledge of emergency shut-down procedures of a crashed helicopter. Live-fire training will be provided in realistic scenarios, from a single engine response up to and including multi-unit/ ARRF response.

**Special Notice:** *This workshop will meet at Falcon Field, Fire Station #8. You must provide your own transportation or carpool.*

<b>PREREQUISITE</b>	Arizona Fire Fighter I & II certification
<b>REQUIRED EQUIPMENT</b>	SCBA, Full Protective Equipment
<b>COORDINATORS</b>	Tom Tatum, Todd Canale
<b>INSTRUCTORS</b>	Ron Bigness, Gary McDowell

## 10 INTRODUCTION TO FIRE HYDRAULICS-MM1015

### PHOENIX MARRIOTT MESA HOTEL

This course is designed to provide fire fighters and engineers with the working knowledge of fire ground hydraulics. The course utilizes classroom and field pumping exercises and instruction on basic flow and friction loss requirements for common hose evolutions. Tricks-of-the-trade formulas are utilized for easy retention.

<b>REQUIRED EQUIPMENT</b>	Helmet, leather gloves, steel-toed boots (leather or rubber) (Saturday only)
<b>COORDINATORS</b>	Blue Penrod, Herb Ham
<b>INSTRUCTOR</b>	Wes Trayner

## 11 LADDER TRUCK COMPANY FUNCTIONS & OPERATIONS-MM1016

### CHANDLER FIRE TRAINING CENTER

This course will provide paid and volunteer fire fighters an understanding of ladder truck company functions and priorities on the fire ground. The skills taught in this course are equally useful to fire departments that do or do not have ladder truck companies. Topics will include ventilation size-up, vertical ventilation techniques, positive pressure ventilation techniques, roof systems, including truss types and their associated hazards, forcible entry, and safe operating procedures on residential and commercial roofs. Field exercises will include hands-on training with various hand tools and power tools.

**Special Notice:** *This workshop will meet at the Chandler Fire Training Center. You must provide your own transportation or carpool.*

<b>PREREQUISITE</b>	Arizona Fire Fighter I & II certification
<b>LAB FEE</b>	\$15
<b>REQUIRED EQUIPMENT</b>	Full protective equipment and SCBA/ No facial hair
<b>COORDINATORS</b>	Thad Trinko, Bill Miller
<b>INSTRUCTORS</b>	Tom Shaw, Mike Thomas, Scott Hollingsworth, Jake Brogdon, Dave Villareal

## 12 LIVE FIRE ATTACK-MM1038 SCOTTSDALE TRAINING CENTER

This hands-on training program will give you an opportunity to ensure your hose, ladder, and SCBA skills are ready for live fire attack. Experienced instructors will guide you through hose, ladder, and SCBA drills designed to sharpen your skills and ready you for multi-company fire attack. You will participate in live fire evolutions designed to test your skills and judgment on the fire scene. Fireground hydraulics will be introduced to make you more familiar with operating a fire engine during emergency operations. This class is ideal for the street fire fighter who is looking for live fire exposure in a safe and supportive environment. Instructors are experienced women chief officers, captains, and engineers with extensive academy and live fire training backgrounds.

**Special Notice:** *This workshop will meet at the Scottsdale Training Center. You must provide your own transportation or carpool.*

<b>PREREQUISITES</b>	Arizona Fire Fighter I & II certification.
<b>REQUIRED EQUIPMENT</b>	Full protective equipment, SCBA, and spare SCBA cylinder
<b>COORDINATOR</b>	Cheryl Horvath
<b>INSTRUCTORS</b>	Diane Benson, Donna Feller

## 13 LIVE FIRE TRAINING-BASIC-MM1017A MESA FIRE TRAINING ACADEMY

This course is for the newly certified fire fighter, or fire fighter with limited experience, and is designed to enhance the new fire fighter's knowledge and build on basic fire fighting skills. The class will focus on activities necessary to operate safely in interior live fire conditions. Students will improve skills in PPE/SCBA donning/doffing, fire ground safety, and fire behavior under live interior structure fire conditions. Under close supervision, students will operate as fire companies practicing search and rescue, fire ground safety, and fire attack and support activities. Participants must meet specific performance criteria in order to receive a Certificate of Completion.

**Target Audience:** *Newly certified fire fighters who have had limited live fire experience and fire fighters with live fire experience who want to reinforce basic skills.*

**Special Notice:** *This workshop will meet at the Mesa Fire Training Academy. You must provide your own transportation or carpool.*

<b>PREREQUISITES</b>	Arizona Fire Fighter I & II certification.
<b>REQUIRED EQUIPMENT</b>	Full protective equipment and SCBA/ No facial hair
<b>COORDINATOR</b>	Mike Hyde
<b>INSTRUCTORS</b>	Staff

## 14 LIVE FIRE TRAINING-INTERMEDIATE-MM1017B PHOENIX FIRE TRAINING ACADEMY

This course is designed to enhance and build upon the **experienced** fire fighter's essential techniques of fire fighting. Safe fire ground operations and live fire training under controlled conditions will be utilized. Instruction will focus on structural, fixed facility (flammable liquid/gas) installations, flashover/fire behavior, and vehicle fires. Participants must meet specific performance criteria to receive a Certificate of Completion.

**Target Audience:** *Fire fighters with past live fire training and experience operating on the fire ground. This is not an introductory course.*

**Special Notice:** *This workshop will meet at the Phoenix Fire Training Academy. You must provide your own transportation or carpool.*

<b>PREREQUISITES</b>	Arizona Fire Fighter I & II certification.
<b>LAB FEE</b>	\$30
<b>REQUIRED EQUIPMENT</b>	Full structural turnouts and SCBA/ No facial hair
<b>COORDINATORS</b>	Ben Owens, Chip Gleason
<b>INSTRUCTORS</b>	Staff

## **15 ROPE RESCUE I-MM1019A PHOENIX MARRIOTT MESA HOTEL**

This course will introduce the student to the operational level of rope rescue. Students will study the differences between technical and non-technical litter evacuations. Students will be introduced to basic knot craft, anchor systems, mechanical advantages, belay techniques, rope and allied equipment necessary to conduct rope rescue operations. This class is a required prerequisite for the technical rescue program.

***Special Notice:*** *This workshop requires travel to an off-site location. You must provide your own transportation or carpool.*

**REQUIRED EQUIPMENT** Gloves, boots, helmet w/chin strap, seat harness (optional)

**COORDINATOR** Tim McElwee

**INSTRUCTORS** Tim Cooper & Staff

## **16 RURAL FIRE DEPARTMENT STRATEGIES AND OPERATIONS- MM1022**

***THIS CLASS SPONSORED BY*** Volunteer Fire Fighters of Arizona

**PHOENIX MARRIOTT MESA HOTEL**

The purpose of this course is to provide rural departments with some clear strategies that promote safety and the understanding of national requirements. It will help participants with developing plans and techniques to use in their departments. Discussion topics will include resource management, all risk scene management, tactics and varied applications.

**COORDINATORS** Brian Merriman, Dale Lindstedt

**INSTRUCTOR** Rob Watson

## **17 SELECTION, CARE & MAINTENANCE OF PERSONAL PROTECTIVE EQUIPMENT-MM1039**

**MESA COMMUNITY CENTER**

This course will provide the student with the knowledge and skills to effectively develop and manage a program for the selection and maintenance of protective ensembles for structural and proximity fire fighting. This course will consist of classroom lectures intended to provide the student with the fundamental knowledge of the component parts comprising a selection and maintenance program, with a focus on OSHA regulations and NFPA standards as well as the creation of a program, and to provide the student with the knowledge and information needed to create and manage an on site cleaning and inspection facility. The course will cover everything from the site selection, site preparation, resource requirements, necessary equipment, cleaning agents, OSHA regulations and provide the student with the program parts and hands on training for performing advanced and specialized cleaning. In addition the student will be taught and shown how to perform a routine inspection, and an advanced inspection. The students will also be taught and shown how to perform a complete liner inspection to include using a hydrostatic test apparatus.

***Target Audience:*** *Personnel who have responsibility for developing and managing selection care and maintenance programs as well as those personnel that have a responsibility for selecting, issuing and maintaining protective ensembles or ensemble elements.*

**COORDINATOR** Paul Fraser

**INSTRUCTOR** Karl J. Beeman

## **18 SMOKE PLUS-MM1024 CHANDLER FIRE TRAINING CENTER**

This class is designed to enhance the fire fighters awareness to potential fireground factors that have historically contributed to or resulted in fire fighter injuries or deaths. The class is made up of both cognitive and manipulative skills. Classroom time will be spent reviewing building construction, local incident near misses, reading smoke and the International Fire Chiefs Association(IFCA) Sixteen Fire Fighter Life Safety Initiatives. The class will also participate in a flashover chamber to better help understand smoke behavior and its characteristics. The class will also practice various rescue skills.

***Special Notice:*** *This workshop will meet at the Chandler Fire Training Center. You must provide your own transportation or carpool.*

<b>PREREQUISITE</b>	Arizona Fire Fighter I & II certification.
<b>LAB FEE</b>	\$30
<b>REQUIRED EQUIPMENT</b>	Full structural turnouts and SCBA/ No facial hair.
<b>COORDINATOR</b>	Ron Dennis
<b>INSTRUCTORS</b>	Staff

## **19 SWIFT WATER RESCUE-MM1025 MESA COMMUNITY CENTER**

This course will provide an in-depth look at hydrology and hazards associated with swift water. Students will have an opportunity to get in the water and learn the difficulty associated with these operations.

***Special Notice:*** *This workshop requires travel to an off-site location. You must provide your own transportation or carpool .*

<b>PREREQUISITE</b>	Rope Rescue I
<b>REQUIRED EQUIPMENT</b>	Wet Type III personal floatation device, river shoes and water rescue helmet.
<b>COORDINATOR</b>	Jeff Piechura
<b>INSTRUCTOR</b>	Tom Pendley

## **FIRE PREVENTION/INVESTIGATION**

## **20 ADVANCED FIRE SPRINKLERS-MM2001 MESA COMMUNITY CENTER**

Students will be taught to thoroughly understand NFPA 13. They will leave this course better prepared to review plans and conduct acceptance tests of fire sprinkler systems. Routine testing of systems and fire pumps will be covered.

<b>PREREQUISITE</b>	General working knowledge of fire sprinklers
<b>REQUIRED EQUIPMENT</b>	Calculator, Copy of NFPA 13 your jurisdiction is using
<b>COORDINATOR</b>	Marco Olsen
<b>INSTRUCTORS</b>	Staff

## **21 FIRE INSPECTOR I CERTIFICATION PROGRAM, PART A-MM2007A**

### ***Introduction to Fire Inspection Principles and Practices***

#### **PHOENIX MARRIOTT MESA HOTEL**

The goal of this course is to provide an introduction to fire inspection principles and practices. It illustrates the complexity of today's building designs and systems and their potential impact on life, the environment and property. This course considers the rapid changes in the field of fire prevention technology within the past decade. It provides a broad framework for the individual who has little or no experience in fire inspection. The course prepares personnel from fire and allied professions to conduct basic inspections by applying the presented principles and practices . The primary audience is fire company personnel and others with responsibility for conducting fire and life safety inspections. This course is the first course required for Fire Inspector Level I Certification. The location and dates of Part B will be announced in class.

<b>COORDINATOR</b>	Dan Uthe
<b>INSTRUCTORS</b>	Carl Shultz, Ron Summers

## **22 INTERMEDIATE FIRE/ARSON INVESTIGATION-MM2002B MESA COMMUNITY CENTER**

This course is designed to make the investigator aware of the latest fire origin and cause determination concepts. The course intends to help students appreciate the nature and behavior of fire, recognize signs of the fire spread, and identify and locate the fire scene evidence that will help establish origin and cause. The course also includes other information the investigator can use to assist in the process of fire investigation.

**PREREQUISITE** Basic Fire/Arson Investigation  
**COORDINATOR** Will Loesche  
**INSTRUCTORS** Troy Duncan, Virginia Holtzclaw

## **23 PUBLIC FIRE & LIFE SAFETY EDUCATOR II (FLSE II)- MM1030 MESA COMMUNITY COLLEGE/WILLIAMS EDUCATIONAL CENTER**

This course is intended for any fire service personnel who are required to analyze fire and injury data, develop fire and life safety educational materials and curriculum, and prepare and deliver resource proposals to decision makers. The content follows the information in the IFSTA manual, Public Fire & Life Safety Educator, 2nd Edition. This course consists of lecture, discussion, and student activities to achieve the learning objectives, and culminates with a course project.

**PREREQUISITE** Fire & Life Safety Educator I (FLSE I)  
**COORDINATOR** Polly Elson  
**INSTRUCTOR** Polly Elson

### **FIRE LEADERSHIP**

## **24 EMERGENCY SCENE MANAGEMENT & COMMAND SYSTEMS- MM3002 PHOENIX MARRIOTT MESA HOTEL**

This course will provide students with a basic understanding of the structure and operation of Incident Command (ICS) and Incident Management (IMS) Systems. The program focuses on the adaptability of incident management systems in structural fire fighting, mass casualty, and haz-mat incidents. Students will participate in "all-risk" type exercises using ICS & IMS models. This course will not address tactical issues.

***There is no prerequisite for this course, however, a basic understanding and knowledge of fire department operations is strongly recommended.***

**COORDINATOR** Mark Wilson  
**INSTRUCTORS** Dave Bunce, Paul Simpson

## **25 FIRE INSTRUCTOR I (NFPA 1041) 2002 EDITION-MM1009 MESA COMMUNITY CENTER**

This course is designed to meet the requirements of NFPA 1041, Level I and is required to become a fire service instructor for the State of Arizona. The fire service instructor will be able to demonstrate the knowledge of and the ability to present instruction from prepared material.

**IMPORTANT NOTE: Final class meeting is Saturday, September 13 from 8:00 a.m. to 5:00 p.m. (location to be announced in class). Attendance at final class meeting is required to complete the course.**

***The state certification exam for Fire Instructor I will be given on the final day of class. Individuals must pass the the certification exam to be state-certified as Fire Instructor I.***

**COORDINATOR** Clay Wood  
**INSTRUCTORS** Scott Burt, Stuart Bishop



## **26 INCIDENT SAFETY OFFICER MM3005B**



### **PHOENIX MARRIOTT MESA HOTEL**

This course examines the Safety Officer's role in emergency response situations. The main theme is a focus on operations within an incident command system as a safety officer. The participant will be able to identify and analyze concerns as they relate to hazard scene evaluations, and communicate recommended solutions to the command authority. The general audience for ISO is individuals who have a Safety Officer responsibility at emergency operation situations. Persons attending this course should have a working knowledge of the ICS as taught by the National Fire Academy, building construction principles, hazardous materials management, applicable NFPA guidelines and federal regulations.

**COORDINATOR** Mark Nichols  
**INSTRUCTORS** Rob McLeod, Ron Clark

## **27 LEADERSHIP I & II-MM3007AB STRATEGIES FOR COMPANY AND PERSONAL SUCCESS MESA COMMUNITY CENTER**



This combination course provides the student with basic skills and tools needed to perform effectively as a leader in the fire service environment. This course addresses techniques and approaches to problem solving, identifying and assessing the needs of the company officer's subordinates, running meetings effectively in the fire service environment, and decision-making for the company officer. The second part addresses ethics, use and abuse of power at the company level, creativity in the fire service environment and managing the multiple roles of the company officer.

**COORDINATOR** Laura Baker  
**INSTRUCTOR** Gerry Bates

## **28 POLISHING THE GOLD: THE STUFF THAT MATTERS-MM3021 PHOENIX MARRIOTT MESA HOTEL**

This course is designed to assist the participant in developing and refining command presence. The course will also address the chief officer role as public administrator. An emphasis will be placed on identifying the behaviors and actions expected of a chief officer. Major topic areas include: image, ethics, managing public funds, developing and maintaining successful relationships, inspiring excellence and avoiding self destructive behavior.

**COORDINATOR** Mark Gaillard  
**INSTRUCTORS** Mark Burdick, Jeff Thomas

## **29 PREPARING LEADERS FOR TODAY'S FIRE & EMERGENCY SERVICES-MM3011**

### **PHOENIX MARRIOTT MESA HOTEL**

This course will emphasize the importance of leadership in fire and emergency services. It is designed to give the student the necessary tools to hone their skills in the areas of organization, planning, analyzing and presenting data. It will also help the student in developing their own personal leadership abilities in order to become a more effective leader in today's dynamic service oriented organizations.

**COORDINATOR** Mark Gaillard

**INSTRUCTORS** Larry Rooney, Jeff Clark, Karen Daines, Dennis Compton

## **30 RURAL/VOLUNTEER FIRE DEPARTMENT MANAGEMENT-MM3010**

### **MESA COMMUNITY CENTER**

This course presents many of the basic concepts that are needed to assist the smaller, rural fire departments in their efforts to deliver emergency services to their communities. The course utilizes student and instructor interaction in a classroom setting. Emphasis is placed on liability, SOP's, SOG's and budgets. These are practical, effective, economical and innovative concepts that have been introduced into the fire service to increase total operational efficiency. This course will be beneficial to the smaller department Chief Officers, Training Officers, Board Members and others in positions of authority. Participants should bring topics with them to class that they would like addressed during the class.

**COORDINATOR** Mel Sorensen

**INSTRUCTOR** Roger Mineer

## **FITNESS**

## **31 FIRE FIGHTER FITNESS & CONDITIONING-MM9005**

### **MESA COMMUNITY CENTER**

The IAFF/IAFC fitness initiative was established almost ten years ago. Fire Fighters are athletes in their own right and should train using protocols designed specifically for them.

Overall fitness is comprised of five areas: strength training, cardio vascular training, nutrition, psychological aspects and flexibility. Fitness for Fire Fighters includes specific Fire Fighter training protocols for: prehab vs rehab, weight training, cardio-training, basic nutrition, functional training, periodization, adaptation theory, core training, polymerics, flexibility and the psychology of fitness. **This is a physically demanding course. Students will participate in physical workouts.**

**Special Notice: This workshop requires travel to an off-site location. You must provide your own transportation or carpool.**

**COORDINATOR** Mike Osborn

**INSTRUCTOR** Monte Eggherman

## **WILDLAND**

### **32 LIAISON OFFICER-MM3022**

#### **MESA COMMUNITY CENTER**

All-Hazards Liaison Officer (LOFR) training is a two-day position-specific course designed to provide local and state-level emergency responders with a robust understanding of the duties, responsibilities, and capabilities of an effective LOFR on an All-Hazards Incident Management team. Specifically, students will develop an understanding of: the types of communication and work location needs for a given incident, the process and relevant parties involved in incident information flow, how the LOFR fits into the planning process, stakeholders' and the agency representative's role. The course is an All-Hazards, instructor-led training that supports learning through discussion, lecture, and active participation in multiple exercises. Upon completion of the course, and the Position Specific Task Book, students will be prepared to perform the duties of a LOFR under a mentor on assignment to an All-Hazard Incident Management Team.

**PREREQUISITE** I-300 Intermediate ICS, I-400 Advanced ICS,  
& O-305 All Hazards IMT or S-420 Command & General Staff

**COORDINATOR** Judy Wood

**INSTRUCTORS** Staff





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